

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): AO et al.	Atty. Dkt.: 01-527
Serial No.: Unknown	Group Art Unit:
Filed: Concurrently herewith	Examiner:
Title: MAGNETIC IMPEDANCE DEVICE, SENSOR APPARATUS USING THE SAME AND METHOD FOR MANUFACTURING THE SAME	

Commissioner for Patents
Arlington, VA 22202

Date: November 21, 2003

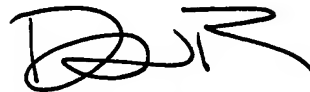
INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the reference(s) listed on the attached Form PTO-1449 is/are submitted for consideration by the Examiner without any admission that it/they constitute(s) statutory prior art, or without any admission that it/they contain(s) subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

The Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed reference(s) has/have been considered and made of record.

Respectfully submitted,



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FORM PTO-1449	ATTY. DKT NO.	01-527	SER. NO.
	APPLICANT	AO et al.	
	FILING DATE	November 21, 2003	GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	5,841,276 (English counterpart of JP-A-H08-304432 which is discussed in pages 3-4 of the spec.)	Nov. 24, 1998	Makino et al.		

FOREIGN PATENT DOCUMENTS

								TRANSLATION	
		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
		JP-A-H08-75835* (Discussed in page 1 of the spec.)	3/22/96	JAPAN				X (Abstract)	
		JP-A-2000-46513* (Discussed in page 4 of the spec.)	2/18/00	JAPAN				X (Abstract)	
		JP-A-2001-116773* (Discussed in page 4 of the spec.)	4/27/01	JAPAN				X (Abstract)	
		JP-A-2001-228229* (Discussed in page 3 of the spec.)	8/24/01	JAPAN				X (Abstract)	
		JP-A-2001-318131* (Discussed in page 3 of the spec.)	11/16/01	JAPAN				X (Abstract)	
		JP-A-2001-289926*	1019/01	JAPAN				X (Abstract and partial translation)	

* Full English text is available in machine-translated form in JPO (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED	